

(FILE 'HOME' ENTERED AT 13:31:37 ON 26 AUG 2003)

FILE 'BIOSIS, MEDLINE, CAPLUS, EMBASE, CANCERLIT' ENTERED AT 13:31:48 ON  
26 AUG 2003

L1	213298 OLIGONUCLEOTID?
L2	18471 TAGS
L3	11109 AMPLICON
L4	92426 ENDONUCLEASE
L5	255512 AMPLIFICATION
L6	467543 VECTOR
L7	30 L1 AND L2 AND L3
L8	3 L7 AND L4
L9	3 DUP REM L8 (0 DUPLICATES REMOVED)
L10	3 L7 AND L4
L11	3 DUP REM L10 (0 DUPLICATES REMOVED)

Br4-faom

L9 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 2003:203279 CAPLUS  
DOCUMENT NUMBER: 138:232946  
TITLE: Enzymatic synthesis of error-free  
**oligonucleotide tags**  
INVENTOR(S): Brenner, Sydney; Williams, Steven R.  
PATENT ASSIGNEE(S): USA  
SOURCE: U.S. Pat. Appl. Publ., 22 pp.  
CODEN: USXXCO  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2003049616	A1	20030313	US 2001-756830	20010108
PRIORITY APPLN. INFO.:			US 2001-756830	20010108

AB The invention provides **oligonucleotide** tag compns. and methods for synthesizing repertoires of error-free **oligonucleotide tags** that may be used for labeling and sorting polynucleotides, such as cDNAs, restriction fragments, and the like. In accordance with the method of the invention, **oligonucleotide** tag precursors are provided in an **amplicon**, wherein the tag precursors each consists of one or more **oligonucleotide** "words" selected from the same minimally cross-hybridizing set of words. The **oligonucleotide** tag precursors are elongated by repeated cycles of cleavage, ligation of one or more words, and amplification. Cycles continue until the **oligonucleotide tags** of the repertoire have a desired length or complexity.

L9 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 2002:849855 CAPLUS  
DOCUMENT NUMBER: 137:364343  
TITLE: Method of constructing promoter libraries  
INVENTOR(S): Zhang, Wei; Hu, Limei; Hamilton, Stanley  
PATENT ASSIGNEE(S): Board of Regents, The University of Texas System, USA  
SOURCE: PCT Int. Appl., 69 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002088395	A1	20021107	WO 2002-US13384	20020425

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2001-287221P P 20010427

AB The present invention provides methods for the identification of promoters transcription initiation sites and promoters. More particularly, the invention provides for the prodn. of a promoter library, and uses of the library in the identification of transcription factors that interact with previously unidentified promoter elements. The method comprises of RNA extn. from cells. First strand cDNA synthesis is performed using oligo-dT

primers as the downstream primer, and a primer contg. a class III restriction enzyme site, a second restriction enzyme site 3' to the class III site, and a poly-G at its 3' end as the upstream primer. The upstream primer is biotinylated. The cDNA population thus produced is cut with a class III restriction enzyme. Addn. of streptavidin-coated magnetic beads, permits the collection of 5'-end fragment of the cDNA. Cleavage of the 5'-end fragment at the other primer generated site will release the 5'-end fragment from the beads; collection of the beads will remove unwanted sequences. The remaining cDNA is double stranded fragment that contains a region corresponding to the 5'-end of the original transcript.

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 2000:241569 CAPLUS

DOCUMENT NUMBER: 132:289562

TITLE: Enzymatic synthesis of **oligonucleotide tags**

INVENTOR(S): Brenner, Sydney; Williams, Steven R.

PATENT ASSIGNEE(S): Lynx Therapeutics, Inc., USA

SOURCE: PCT Int. Appl., 38 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000020639	A1	20000413	WO 1999-US22585	19990928
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 9965025	A1	20000426	AU 1999-65025	19990928
PRIORITY APPLN. INFO.:			US 1998-103030P	P 19981005
			WO 1999-US22585	W 19990928

AB The invention provides **oligonucleotide** tag compns. and methods for synthesizing repertoires of error-free **oligonucleotide tags** that may be used for labeling and sorting polynucleotides, such as cDNAs, restriction fragments, and the like. In accordance with the method of the invention, **oligonucleotide** tag precursors are provided in an **amplicon**, wherein the tag precursors each consists of one or more **oligonucleotide** "words" selected from the same minimally cross-hybridizing set of words. The **oligonucleotide** tag precursors are elongated by repeated cycles of cleavage by type IIS restriction enzymes, ligation of one or more words, and amplification. Cycles continue until the **oligonucleotide tags** of the repertoire have a desired length or complexity.

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

## WEST Search History

DATE: Tuesday, August 26, 2003

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ</i>			
L10	L9 and L6	1125	L10
L9	L8 and L5	1221	L9
L8	L7 and L4	1237	L8
L7	L1 and L2 and L3	1629	L7
L6	vector	265271	L6
L5	amplification	182391	L5
L4	endonuclease	26706	L4
L3	amplicon	4060	L3
L2	tags	95849	L2
L1	oligonucleotide	64757	L1

END OF SEARCH HISTORY